



Viega Seal Selection Guide

Types of Services	System Operating Conditions			ProPress 304 stainless	ProPress 316 stainless		ProPress		ProPressG
	Comments	Pressure	Temperature	FKM	EPDM	FKM	EPDM	FKM*	HNBR
Fluids/Water									
Hot and Cold Potable Water		200 psi	32°F to 250°F		✓		✓		
Rainwater/ Gray Water		200 psi	Note 3		✓	✓	✓	✓	✓
Fire Sprinkler		175 psi	Note 3	✓			✓	✓	
Chilled Water	Ethylene Glycol / Propylene Glycol	200 psi	Note 3	✓	✓	✓	✓	✓	
Hydronic Heating	Ethylene Glycol / Propylene Glycol	200 psi	Note 3	✓	✓	✓	✓	✓	
Cooling Water	Up to 50% Ethylene Glycol or Propylene Glycol solution	200 psi	Note 3	✓	✓	✓	✓		
Low- Pressure Steam		Up to 15 psi	248°F	✓	✓	✓	✓	✓	
Fuel, Oil and Lubricant									
Heating Fuel Oil		125 psi	Note 3	✓		✓			✓



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Diesel Fuel	Compliant with NFPA 30 and 30A	125 psi	-40° to 180°F						✓
Ethanol	Pure Grain Alcohol	200 psi	Note 3		✓		✓		
Liquid Propane	Compliant with LC4 CSA	125 psi	-40° to 180°F						✓
Liquid Butane	Compliant with LC4 CSA	125 psi	-40° to 180°F						✓
Lube Oil	Petroleum Based	200 psi	Note 3	✓		✓		✓	✓
Gases									
Compressed Air	Less than 25mg/m ³ oil content	200 psi	Up to 140°F	✓	✓	✓	✓	✓	✓
Compressed Air	More than 25mg/m ³ oil content	200 psi	Up to 140°F					✓	✓
Natural Gas	Compliant with LC4 CSA	125 psi	-40° to 180°F						✓
Oxygen - O ² (nonmedical)	Keep oil and fat free / non-liquid O ²	140 psi	Up to 140°F		✓		✓		✓
Nitrogen - N ²		200 psi	Up to 140°F		✓		✓		✓
Carbon Dioxide - CO ₂	Dry	200 psi	Up to 140°F			✓	✓		✓
Argon	Welding Use	200 psi	Ambient		✓		✓		✓
Hydrogen - H ²		125 psi	0°F to 250°F		✓		✓		✓
Vacuum	Maximum vacuum of 29.2 inches of mercury	29.2 inHg	Note 3	✓	✓	✓	✓	✓	✓
Notes: *Specialty seals are field installed and are not compatible with XL (copper or stainless) fittings.									
1. All systems are recommended to be clearly labeled with the fluid or gas being conveyed. For further information please consult the Viega Technical Support Department.									
2. Consult the Viega Technical Department for information on applications not listed and applications outside the temperature and pressure ranges listed above.									
3. System temperature ranges depend on sealing element.									